



12-31-02

09905722-123456789

BH-0102

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#3

In re application of

FRANK P. BOLOGNA and FREDRIC J. HARRIS

For: JOINT ZERO-FORCING AND MATCHED-FILTER

ADAPTIVE DIGITAL EQUALIZER

Serial No. 09/905,722

Art Unit: 2631

Filed: May 24, 2002

Examiner:

Honorable Commissioner of Patents and Trademarks  
Washington, D. C. 20231

AMENDMENT

Sir:

This is to respond to the WITHDRAWAL OF PREVIOUSLY SENT NOTICE dated November 7, 2002, to return herewith a copy thereof, and to provide Items Required to Avoid Abandonment as required by the Notice to File Missing Parts of Nonprovisional Application.

Applicant submits herewith the following items:

1. A check in the amount of \$65.00 in payment for a late filing fee for a Small Entity. Any deficiency or over payment may be charged to Deposit Account 02-4240.

2. A set of one hundred three (103) Claims commencing on a separate sheet, including two (2) independent apparatus claims and two (2) independent method claims.

3. A substitute specification comprising thirty six (36) pages of description including a single Abstract page, wherein all lines are double spaced.

Applicant respectfully contends all items submitted herewith provide the noted missing parts so that this case might proceed to an examination on the merits. If it is desired to discuss the matters at hand with Applicant's Attorney, he may be reached at 847/272-3182, 847/272-3176, FAX 847/272-5424, or e-mail RABROWNLAW@AOL.COM.

Respectfully submitted,

FRANK P. BOLOGNA and FREDRIC J. HARRIS

*Robert A. Brown*

Robert A. Brown, Reg. No. 26,149

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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

Commissioner of Patents and Trademarks,  
Washington, D.C. 20231, on 12-30-02

Robert A. Brown, Reg. No. 26,149

*RA Brown* 12-30-02

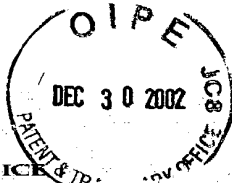
Signature

Date

#13



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Commissioner for Patents  
Washington, DC 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/905,722	05/24/2001	Frank Patrick Bologna	BH-0102

CONFIRMATION NO. 3271

## FORMALITIES LETTER



\*OC000000009078253\*

ROBERT A. BROWN  
P. O. BOX 2127  
NORTHBROOK, IL 60065-2127

Date Mailed: 11/07/2002

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted***Items Required To Avoid Abandonment:**

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- A substitute specification in compliance with 37 CFR 1.52, 1.121(b)(3), and 1.125, is required. The specification, claims, or abstract page(s) submitted is not acceptable and cannot be scanned or properly stored because:
  - The line spacing on the specification, claims, or abstract is not 1-1/2 or double spaced (see 37 CFR 1.52(b)).
  - The specification was submitted in multiple column format and is not suitable for electronic reproduction (see 37 CFR 1.52(a)).

**SUMMARY OF FEES DUE:**

Total additional fee(s) required for this application is \$65 for a Small Entity

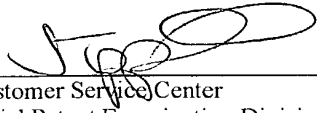
- \$65 Late oath or declaration Surcharge.

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*A copy of this notice **MUST** be returned with the reply.*



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Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE